

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-12 (canceled)

Claim 13 (new): A system for treating a patient having epilepsy which manifests in the form of intractable focal seizures, wherein a plurality of focal sites that are the source of said seizures have been located and mapped, said focal sites being located on a brain's neocortical surface, said system comprising:

an implantable subdural grid consisting of an array of cooling devices;

means for establishing direct physical contact between said focal sites and said cooling devices;

a plurality of recording electrodes, wherein at least one recording electrode is adjacent each said cooling device; and

means for activating said cooling devices according to signals received from said recording electrodes, thereby cooling an appropriate focal site to abort the intractable focal seizure.